

What Is Claimed Is:

1. A program product, comprising:

a program linking program, which causes a computer having a memory to function as:

linking means, to link one or a plurality among plural unlinked programs, advancing toward the completion of one or more linked programs;

storage means, to cause the memory to store the one or more linked programs, either before or after completion; and,

management means, to cause the linking means to preferentially perform linking of the plural unlinked programs in predetermined priority order and to a maximum limit, within a range in which overflow of a predetermined capacity of the memory does not occur; and,

a signal holding medium that holds the program linking program.

2. The program product according to Claim 1, wherein the management means causes the linking means to perform linking, and as a result determine the maximum limit.

3. The program product according to Claim 1, wherein the management means determines the maximum limit by evaluating the sizes of the one or more linked programs at each stage of linking, without causing the linking means to perform linking.

4. The program product according to Claim 1, wherein the predetermined priority order is selected from at least one among increasing order of frequency of use of each of the plural unlinked programs to create the one or more linked programs; increasing order of size of each of the plural unlinked programs; increasing order of product of frequency of use of each of the plural unlinked programs to create the one or more linked programs, and size of corresponding one of the plural unlinked programs; decreasing order of time for linking each of the plural unlinked program on execution; and decreasing order of execution frequency of each of the plural unlinked programs accompanying execution of the one or more linked programs.

5. The program product according to Claim 1, wherein the signal holding medium is at least one among a storage medium and a transmission medium.

6. A program linking program, which causes a computer having a memory to function as:

linking means, to link one or a plurality among plural unlinked programs, advancing toward the completion of one or more linked programs;

storage means, to cause the memory to store the one or more linked programs, either before or after completion; and,

management means, to cause the linking means to preferentially perform linking of the plural unlinked programs in predetermined priority order and to a maximum limit, within a range in which overflow of a predetermined capacity of the memory does not occur.

7. A program linking device, comprising:

a memory;

a linking unit, to link one or a plurality among plural unlinked programs, advancing toward the completion of one or more linked programs;

a storage unit, to cause the memory to store the one or more linked programs, either before or after completion; and,

a management unit, to cause the linking unit to preferentially perform linking of the plural unlinked programs in predetermined priority order and to a maximum limit, within a range in which overflow of a predetermined capacity of the memory does not occur.

8. A terminal device, comprising:

a memory;

a linking unit, to link one or a plurality among plural unlinked programs, advancing toward the completion of one or more linked programs;

a storage unit, to cause the memory to store the one or more linked programs, either before or after completion;

a management unit, to cause the linking unit to preferentially perform linking of the plural unlinked programs in predetermined priority order and to a maximum limit, within a range in which overflow of a predetermined capacity of the memory does not occur; and,

an execution control unit, to execute, among the one or more linked programs stored in the memory, a designated program; and wherein

the execution control unit has runtime linking unit that, when a linked program to be executed is not completed as regards linking, completes the linked program to be executed by linking one or a plurality of programs from among the plural unlinked programs.

9. The terminal device according to Claim 8, further comprising an acquisition unit to acquire the plural unlinked programs, and a storing unit to store the plural programs acquired by the acquisition unit.

10. A program linking method, comprising:

a linking step of linking one or a plurality among plural unlinked programs, advancing toward the completion of one or more linked programs; and

a storage step of storing in a memory the one or more linked programs, either before or after completion; and wherein

in the linking step, linking is performed preferentially in predetermined priority order among the plural unlinked programs and to a maximum limit, within a range in which overflow of a predetermined capacity of the memory does not occur.